

Title (en)  
CARRIER FLUID COMPOSITION COMPRISING FATTY ACIDS ETHYL ESTERS AND PROCESS FOR REDUCING THE CONCENTRATION OF PERSISTENT ORGANIC POLLUTANTS IN FISH OIL

Title (de)  
TRÄGERFLÜSSIGKEITZUSAMMENSETZUNG MIT FETTSÄURE-ETHYLESTERN UND VERFAHREN ZUR VERRINGERUNG DER KONZENTRATION LANGLEBIGER ORGANISCHER SCHADSTOFFE IN FISCHÖL

Title (fr)  
COMPOSITION DE FLUIDE PORTEUR COMPRENANT DES ESTERS ÉTHYLIQUES D'ACIDES GRAS ET PROCÉDÉ POUR RÉDUIRE LA CONCENTRATION DE POLLUANTS ORGANIQUES PERSISTANTS DANS L'HUILE DE POISSON

Publication  
**EP 2661483 A4 20150826 (EN)**

Application  
**EP 12864556 A 20121009**

Priority  
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• IB 2012055461 W 20121009

Abstract (en)  
[origin: US8258330B1] Carrier fluid compositions and their use in processes for reducing the concentration of persistent organic pollutants, such as polychlorodibenzo-p-dioxins (PCDDs), polychlorodibenzo-p-furans (PCDDF), polychlorinated biphenyls (PCBs), polybrominated diphenyl ethers (PBDEs), polycyclic aromatic hydrocarbons (PAHs), and pesticides, such as chlorinated hydrocarbons, chlorinated toxaphenes and camphenes, in fish oil are disclosed. The process includes vacuum distillation of the fish oil in the presence of the carrier fluid compositions to provide a fish oil residue having a reduced concentration of persistent organic pollutants.

IPC 8 full level  
**C11B 3/00** (2006.01); **C11B 3/12** (2006.01)

CPC (source: EP KR US)  
**C11B 3/00** (2013.01 - KR); **C11B 3/001** (2013.01 - EP US); **C11B 3/006** (2013.01 - EP US); **C11B 3/12** (2013.01 - EP US)

Citation (search report)  
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• [X] WO 2004043894 A1 20040527 - PRONOVA BIOCARE AS [NO], et al  
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• [X] ALKIO M ET AL: "Purification of polyunsaturated fatty acid esters from tuna oil with supercritical fluid chromatography", JOURNAL OF THE AMERICAN OIL CHEMISTS' SOCIETY (JAOCS), SPRINGER, DE, vol. 77, no. 3, 1 March 2000 (2000-03-01), pages 315 - 321, XP002954048, ISSN: 0003-021X, DOI: 10.1007/S11746-000-0051-3  
• [A] ZHI-HONG YANG ET AL: "Dietary Sauri Oil Reduces Hyperglycemia and Hyperlipidemia in Diabetic KKAy Mice and in Diet-Induced Obese C57BL/6J Mice by Altering Gene Expression", LIPIDS, vol. 46, no. 5, 5 April 2011 (2011-04-05), pages 425 - 434, XP055126054, ISSN: 0024-4201, DOI: 10.1007/s11745-011-3553-1  
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Designated contracting state (EPC)  
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CO 6791623 A2 20131114; DK 2661483 T3 20200302; EP 2661483 A1 20131113; EP 2661483 A4 20150826; EP 2661483 B1 20191127;  
ES 2773461 T3 20200713; JP 2014523470 A 20140911; JP 5813867 B2 20151117; KR 101515739 B1 20150428; KR 20140027120 A 20140306;  
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